**PAPER NUMBER #118**

**Factors influencing the implementation of physical activity recommendations in childcare services: A systematic review**

**Presenting Author**

Lubna Abdul Razak

**Affiliation**

1. Hunter New England Population Health
2. School of Medicine and Public Health, University of Newcastle
3. Hunter Medical Research Institute, Newcastle, New South Wales
4. Priority Research Centre for Health Behaviour, University of Newcastle, Callaghan, New South Wales

**Country of residence**

Australia

**Objectives/aims**

To describe factors (barriers and facilitators) that may influence the implementation of physical activity environmental recommendations in centre based childcare services

**Methods**

A systematic review was undertaken. Six databases (PubMed, EMBASE, PsycINFO, ERIC, CINAHL, and Scopus) were searched until April 2017. Qualitative and quantitative studies examining barriers and facilitators of physical activity environmental recommendations in centre based childcare services were included. Two investigators independently screened all titles, abstracts and selected full texts against inclusion and exclusion criteria. Full text data extraction for all eligible publications was conducted using a standardised data extraction form. Barriers and facilitators to the implementation of recommended policies and practices to promote physical activity in childcare were mapped against constructs of the Theoretical Domains Framework.

**Main findings**

Eighteen studies representing the views of 1556 educators/providers met the inclusion criteria. The largest proportion of reported barriers and facilitators fell into the TDF domain ‘environmental context and resources. Barriers included availability of space and play equipment, cost and competing priorities. The findings provide guidance to support stakeholders to design strategies to improve the implementation of physical activity environmental recommendations in centre based childcare services.